

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

Applicant: Moriarty, K et al.

Attorney Docket No: 19.0353

Serial No:

Art Unit:

Filed:

Examiner:

For: DIRECTIONAL CASING DRILLING

Mail Stop Patent Application

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION

WITH POWER OF ATTORNEY

Declaration Submitted with Initial Filing

Declaration Submitted after Initial Filing

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

DIRECTIONAL CASING DRILLING

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8 & 1.10

I hereby certify that this document and its attachments are being sent on the date indicated below to the Assistant Commissioner for Patents, Washington, DC 20231 by:

facsimile to number _____

first class mail.

Express Mail: Post Office to Addressee No. EV399694462US

December 12, 2003
Date

Kerry Morris
Kerry Morris

the specification of which

- is attached hereto.
- was filed on _____ as United States Application Number or PCT International Application Number _____.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365 (a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Numbers | Country | Foreign Filing Date | Priority Not Claimed | Certified Copy Attached YES | NO |
|-----------------------------------|---------|---------------------|--------------------------|--------------------------------|--------------------------|
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

| Application Number(s) | Filing Date |
|-----------------------|-------------|
| | |
| | |

I hereby claim the benefit under Title 35, United States Code § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application Numbers | PCT Parent Number | Parent Filing Date | Parent Patent Number |
|---------------------------------|-------------------|--------------------|----------------------|
| | | | |
| | | | |
| | | | |

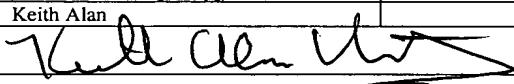
As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

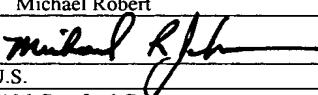
| Name | Registration No. | Name | Registration No. |
|--------------------|------------------|------------------|------------------|
| Jeffrey E. Griffin | 36,534 | Jaime Castaño | 41,660 |
| Wayne I. Kanak | 35,564 | Victor Segura | 44,329 |
| John J. Ryberg | 31,134 | Tim W. Curington | 45,944 |
| Bryan White | 45,211 | Robin C. Nava | 42,926 |
| Jennie Salazar | 45,065 | Brigitte Echols | 38,925 |
| Bryan Galloway | 50,312 | Bill Wang | 39,871 |
| Danita Maseles | 33,419 | Bill Batzer | 37,088 |
| Steven Schlather | 45,081 | James Kurka | 47,726 |

Direct all correspondence to:

Patent Counsel
Schlumberger Stonehouse Technology Centre
Brunel Way, Stroudwater Business Park
Stonehouse, Gloucestershire.
GL10 3SX UK

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

| Name of Sole or First Inventor | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | | | | | |
|--|---|--|----|-----|-------|---------|----------|
| Given Name (first and middle [if any]) | | Family Name or Surname | | | | | |
| Keith Alan | | Moriarty | | | | | |
| Inventor's Signature |  | | | | | Date | 12/10/03 |
| Citizenship | U.S. | | | | | | |
| Residence Address | 603 Durley | | | | | | |
| Residence: City | Houston | State | TX | ZIP | 77079 | Country | U.S. |
| Post Office Address | 603 Durley | | | | | | |
| City | Houston | State | TX | ZIP | 77079 | Country | U.S. |

| Additional Inventor | | <input type="checkbox"/> A petition has been filed for this unsigned inventor. | | | | | |
|--|---|--|----|-----|-------|---------|----------|
| Given Name (first and middle [if any]) | | Family Name or Surname | | | | | |
| Michael Robert | | Johnson | | | | | |
| Inventor's Signature |  | | | | | Date | 12/10/03 |
| Citizenship | U.S. | | | | | | |
| Residence Address | 7106 Cranford Ct | | | | | | |
| Residence: City | Sugar Land | State | TX | ZIP | 77479 | Country | U.S. |
| Post Office Address | 7106 Cranford Ct. | | | | | | |
| City | Sugar Land | State | TX | ZIP | 77479 | Country | U.S. |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Moriarty et al.

Attorney Docket No.: 19.0353

Serial No.:

Art Unit:

Filed:

Examiner:

Title: Directional Casing Drilling

Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

POWER OF ATTORNEY

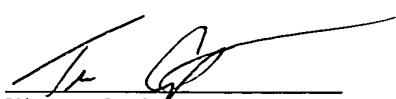
As the owner of the above-referenced patent application, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey E. Griffin, 36,534
Jaime A. Castano, 41,660
Brigitte L. Jeffery, 38,925
Victor Segura, 44,329
Bryan White, 45,211
Kevin McEnaney, 46,258
James Kurka, 47,726

Robin C. Nava, 42,926
Tim W. Curington, 45,944
John J. Ryberg, 31,134
Wayne I. Kanak, 35,564
Jennie Salazar, 45,065
Bryan Galloway, 50,312

Direct all correspondence to:

IP Department
Schlumberger Stonehouse Technology Center
Brunel Way, Stroudwater Business Park
Stonehouse, Glos GL10 3SX
United Kingdom



Tim W Curington
IP Counsel
Schlumberger Technology Corporation

12-5-03
Date

Tim Curington
Schlumberger Stonehouse Technology Center
Brunel Way, Stroudwater Business Park
Stonehouse, Glos GL10 3SX
United Kingdom